

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicants:** Kangguo Cheng, et al.      **Examiner:** Matthew C. Landau  
**Serial No.:** 10/813,352      **Art Unit:** 2815  
**Filed:** March 30, 2004      **Docket:** FIS920030369US1 (17141)  
**For:** OFFSET VERTICAL DEVICE      **Dated:** June 15, 2006

**Confirmation No.:** 4990

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE UNDER 37 C.F.R. § 1.111**

Sir:

In response to the Office Action dated March 20, 2006, applicants submit the following amendments and remarks for entry of record in the above-identified patent application.

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**CERTIFICATION OF ELECTRONIC TRANSMISSION**

I hereby certify that this paper is being electronically filed with the Patent and Trademark Office on the date shown below.

Dated: June 15, 2006

  
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Leslie S. Szivos, Ph.D.